

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	25586	sign\$3 near3 (party server delegat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L2	506	sign\$3 near3 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L3	393	sign\$3 near2 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L4	92	sign\$3 near2 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L5	242	sign\$3 near2 (party server delegat\$3) and (notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L6	150	L5 not L4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L7	230	sign\$3 near2 (party server delegat\$3) and (notar\$7) and (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L8	138	L7 not L4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L9	144	sign\$3 near2 (party server delegat\$3) and (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38

## EAST Search History

L10	23	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L11	119	(notar\$7 sign\$3) near3 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L12	23	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L13	101	L11 not L12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L14	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/13 16:38
L15	11	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and L14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L16	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/13 16:38

## EAST Search History

L17	25586	sign\$3 near3 (party server delegat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L18	242	sign\$3 near2 (party server delegat\$3) and (notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L19	230	sign\$3 near2 (party server delegat\$3) and (notar\$7) and (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L20	144	sign\$3 near2 (party server delegat\$3) and (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L21	23	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L22	2121	713/176.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L23	491	705/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L24	1136	380/277.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L25	295	sign\$3 near3 (party server delegat\$3) and L22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L26	74	sign\$3 near3 (party server delegat\$3) and L23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38

## EAST Search History

L27	108	sign\$3 near3 (party server delegat\$3) and L24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L28	29	"6073242"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L29	92	sign\$3 near2 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L30	4	((("5,136,646") or ("5,001,752"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 16:38
L31	23	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L32	119	(notar\$7 sign\$3) near3 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L33	101	L32 not L21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L34	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/13 16:38

## EAST Search History

L35	11	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and L34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L36	150	L18 not L29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L37	138	L19 not L29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L38	393	sign\$3 near2 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L39	506	sign\$3 near3 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L40	25586	sign\$3 near3 (party server delegat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L41	242	sign\$3 near2 (party server delegat\$3) and (notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L42	230	sign\$3 near2 (party server delegat\$3) and (notar\$7) and (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L43	144	sign\$3 near2 (party server delegat\$3) and (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38

## EAST Search History

L44	23	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L45	242	sign\$3 near2 (party server delegat\$3) and (notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L46	230	sign\$3 near2 (party server delegat\$3) and (notar\$7) and (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L47	144	sign\$3 near2 (party server delegat\$3) and (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L48	23	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L49	92	sign\$3 near2 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L50	23	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L51	119	(notar\$7 sign\$3) near3 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L52	101	L51 not L44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38

## EAST Search History

L53	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/13 16:38
L54	11	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and L53	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L55	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/13 16:38
L56	92	sign\$3 near2 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L57	23	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L58	119	(notar\$7 sign\$3) near3 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L59	101	L58 not L48	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38

## EAST Search History

L60	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/13 16:38
L61	11	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and L60	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L62	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/13 16:38
L63	393	sign\$3 near2 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L64	393	sign\$3 near2 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L65	506	sign\$3 near3 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L66	506	sign\$3 near3 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38



## EAST Search History

L67	33	signature same sign\$3 same (user near5 (ID ident\$8 name code) same ((application service) near5 (ID ident\$8 name code))) same key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L68	52	signature and sign\$3 same (user near5 (ID ident\$8 name code) same ((application service) near5 (ID ident\$8 name code))) same key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L69	60	signature and (sign\$3 encrypt\$3 with ((private user secret) adj key)) same (user near5 (ID ident\$8 name code) same ((application service) near5 (ID ident\$8 name code))) same key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L70	27	L69 not L67	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L71	19	("5398285"   "5511122"   "5734718"   "5768373"   "5812669"   "5812764"   "5825300"   "5953422"   "6061799"   "6081893"   "6111956"   "6170058"   "6178409"   "6230272"   "6253027"   "6324650"   "6567794"   "6594759"   "6594763").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 16:38
L72	19	(sign\$3 encrypt\$3 party server delegat\$3 notar\$7 private secret ident\$8 ID username user name application authenticat\$3 verif\$8 authoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and L71	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L73	54	(signature trust encrypt\$3 sign\$3) adj (party server provider) and (sign\$3 encrypt\$3) near7 (user near3 ((private secret) adj key)) and (authenticat\$3) and (user person) adj (ID identi\$8 name) and (applicat\$3 service) adj (ID identi\$8 name)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38

## EAST Search History

L74	25	(signature trust encrypt\$3 sign\$3) adj (party server provider) and (sign\$3 encrypt\$3) near7 (user near3 ((private secret) adj key)) and (authenticat\$3) and (user person) adj (ID identi\$8 name) and (applicat\$3 service) adj (ID identi\$8 name) and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L75	24	(signature trust encrypt\$3 sign\$3) adj (party server provider) and (sign\$3 encrypt\$3) near7 (user near3 ((private secret) adj key)) and (authenticat\$3) and (user person) adj (ID identi\$8 name) and (applicat\$3 service) adj (ID identi\$8 name) and (authority CA) and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L76	2380	sign\$3 near3 (party server delegat\$3) and private adj key and authenticat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L77	1813	sign\$3 near3 (party server delegat\$3) and private adj key and authenticat\$3 and (authority (key adj (server))) and encrypt\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L78	526	sign\$3 near3 (party server delegat\$3) and private adj key and authenticat\$3 and (authority (key adj (server))) and encrypt\$3 and (user adj (id ident\$8 name code)) and (application near2 (ID ident\$8))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L79	76	sign\$3 near3 (party server delegat\$3) and private adj key and authenticat\$3 and (authority (key adj (server))) and encrypt\$3 and (user adj (id ident\$8 name code)) and (application near2 (ID ident\$8)) and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L80	410	application near3 certificate same (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) samekey	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L81	68	authenticat\$3 with (sign\$6 near3 server) and (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)). and key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38

## EAST Search History

L82	10	application near3 certificate same (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) same key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L83	21	("5748735"   "5761309"   "6073124"   "6073242"   "6081899"   "6105012"   "6144949"   "6189096"   "6189098"   "6189100"   "6199052"   "6211972"   "6226383"   "6230269"   "6285991"   "6292895"   "6327656"   "6351812"   "6381696"   "6424718"   "6442688").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 16:38
L84	23	("6073242").URPN.	USPAT	OR	ON	2006/12/13 16:38
L85	1	authentikat\$3 with (sign\$6 adj server) and (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) and key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L86	1	authentikat\$3 with (signature adj server) and (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) and key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L87	1	application near3 certificate same key same (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L88	19	("4264782"   "4405829"   "5136646"   "5136647"   "5231668"   "5465299"   "5544255"   "5588061"   "5613012"   "5647017"   "5666420"   "5671285"   "5689567"   "5802499"   "6018801"   "6188766"   "6237096"   "6453416"   "RE34954").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 16:38

## EAST Search History

L89	100	("6385728" "5850442" "6715073" "6141752" "5991399" "6314521" "6026166" "6108788" "6112305" "6327578" "6490679" "6754661" "6763459" "6795920" "6301658" "5838792" "5557678" "6202159" "6539093" "6151676" "6073242" "6393563" "6672505" "6192130" "6128740" "6233341" "6233565" "6442688" "5535276" "5737419" "6072876" "6336186" "6453416" "6789194" "6732279" "6883095" "6028938" "6367009" "5903882" "5606609" "5208858" "6023509" "6199053" "5604801" "5638446" "6009173" "6192473" "6760752" "6105012" "5765152").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L90	375	application near3 certificate and key same (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L91	373	application near3 certificate same (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name)) and key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L92	99	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 signature sign\$3 encrypt\$3 private user secret key user ID ident\$8 name code application service ID ident\$8 name code key) and L89	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L93	54	application near3 certificate and key same (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name)) and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L94	0	authenticat\$3 with (signature adj server) and (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name)) and key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L95	2380	sign\$3 near3 (party server delegat\$3) and private adj key and authenticat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38

## EAST Search History

L96	1136	380/277.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L97	2121	713/176.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L98	295	sign\$3 near3 (party server delegat\$3) and L97	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L99	60	signature and (sign\$3 encrypt\$3 with ((private user secret) adj key)) same (user near5 (ID ident\$8 name code) same ((application service) near5 (ID ident\$8 name code))) same key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L100	2121	713/176.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L101	108	sign\$3 near3 (party server delegat\$3) and L96	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L102	92	sign\$3 near2 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L103	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/13 16:38

## EAST Search History

L104	11	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and L103	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L105	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/13 16:38
L106	29	"6073242"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L107	92	sign\$3 near2 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L108	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/13 16:38
L109	2121	713/176.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L110	76	sign\$3 near3 (party server delegat\$3) and private adj key and authenticat\$3 and (authority (key adj (server))) and encrypt\$3 and (user adj (id ident\$8 name code)) and (application near2 (ID ident\$8)) and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38

## EAST Search History

L111	10	application near3 certificate same (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) same key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L112	21	("5748735"   "5761309"   "6073124"   "6073242"   "6081899"   "6105012"   "6144949"   "6189096"   "6189098"   "6189100"   "6199052"   "6211972"   "6226383"   "6230269"   "6285991"   "6292895"   "6327656"   "6351812"   "6381696"   "6424718"   "6442688").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 16:38
L113	491	705/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L114	74	sign\$3 near3 (party server delegat\$3) and L113	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L115	23	("6073242").URPN.	USPAT	OR	ON	2006/12/13 16:38
L116	29	"6073242"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L117	19	("4264782"   "4405829"   "5136646"   "5136647"   "5231668"   "5465299"   "5544255"   "5588061"   "5613012"   "5647017"   "5666420"   "5671285"   "5689567"   "5802499"   "6018801"   "6188766"   "6237096"   "6453416"   "RE34954").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/13 16:38

## EAST Search History

L118	100	("6385728" "5850442" "6715073" "6141752" "5991399" "6314521" "6026166" "6108788" "6112305" "6327578" "6490679" "6754661" "6763459" "6795920" "6301658" "5838792" "5557678" "6202159" "6539093" "6151676" "6073242" "6393563" "6672505" "6192130" "6128740" "6233341" "6233565" "6442688" "5535276" "5737419" "6072876" "6336186" "6453416" "6789194" "6732279" "6883095" "6028938" "6367009" "5903882" "5606609" "5208858" "6023509" "6199053" "5604801" "5638446" "6009173" "6192473" "6760752" "6105012" "5765152").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L119	99	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 signature sign\$3 encrypt\$3 private user secret key user ID ident\$8 name code application service ID ident\$8 name code key) and L118	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L120	23	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L121	242	sign\$3 near2 (party server delegat\$3) and (notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L122	230	sign\$3 near2 (party server delegat\$3) and (notar\$7) and (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L123	92	sign\$3 near2 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L124	242	sign\$3 near2 (party server delegat\$3) and (notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38



## EAST Search History

L125	150	L124 not L123	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L126	491	705/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L127	74	sign\$3 near3 (party server delegat\$3) and L126	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L128	54	application near3 certificate and key same (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name)) and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L129	1136	380/277.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L130	108	sign\$3 near3 (party server delegat\$3) and L129	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L131	242	sign\$3 near2 (party server delegat\$3) and (notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L132	23	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L133	119	(notar\$7 sign\$3) near3 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L134	230	sign\$3 near2 (party server delegat\$3) and (notar\$7) and (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38

## EAST Search History

L135	138	L134 not L123	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L136	119	(notar\$7 sign\$3) near3 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L137	150	L131 not L102	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L138	138	L122 not L102	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L139	119	(notar\$7 sign\$3) near3 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L140	119	(notar\$7 sign\$3) near3 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L141	92	sign\$3 near2 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L142	242	sign\$3 near2 (party server delegat\$3) and (notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L143	150	L142 not L141	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L144	230	sign\$3 near2 (party server delegat\$3) and (notar\$7) and (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38

## EAST Search History

L145	138	L144 not L141	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L146	150	L121 not L107	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L147	230	sign\$3 near2 (party server delegat\$3) and (notar\$7) and (authentikat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L148	138	L147 not L107	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L149	410	application near3 certificate same (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) samekey	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L150	393	sign\$3 near2 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L151	393	sign\$3 near2 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L152	491	705/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L153	74	sign\$3 near3 (party server delegat\$3) and L152	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L154	393	sign\$3 near2 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38

## EAST Search History

L155	393	sign\$3 near2 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L156	506	sign\$3 near3 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L157	25586	sign\$3 near3 (party server delegat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L158	52	signature and sign\$3 same (user near5 (ID ident\$8 name code) same ((application service) near5 (ID ident\$8 name code))) same key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L159	506	sign\$3 near3 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L160	506	sign\$3 near3 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L161	144	sign\$3 near2 (party server delegat\$3) and (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L162	144	sign\$3 near2 (party server delegat\$3) and (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L163	506	sign\$3 near3 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 17:39
L164	25586	sign\$3 near3 (party server delegat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38

## EAST Search History

L165	1136	380/277.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L166	108	sign\$3 near3 (party server delegat\$3) and L165	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L167	2121	713/176.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L168	23	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L169	1136	380/277.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L170	108	sign\$3 near3 (party server delegat\$3) and L169	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L171	25586	sign\$3 near3 (party server delegat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L172	1813	sign\$3 near3 (party server delegat\$3) and private adj key and authenticat\$3 and (authority (key adj (server))) and encrypt\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L173	491	705/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L174	295	sign\$3 near3 (party server delegat\$3) and L167	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38

## EAST Search History

L175	295	sign\$3 near3 (party server delegat\$3) and L109	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L176	74	sign\$3 near3 (party server delegat\$3) and L173	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L177	295	sign\$3 near3 (party server delegat\$3) and L100	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L178	526	sign\$3 near3 (party server delegat\$3) and private adj key and authenticat\$3 and (authority (key adj (server))) and encrypt\$3 and (user adj (id ident\$8 name code)) and (application near2 (ID ident\$8))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L179	1	authenticat\$3 with (sign\$6 adj server) and (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) and key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L180	375	application near3 certificate and key same (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L181	373	application near3 certificate same (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name)) and key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L182	0	authenticat\$3 with (signature adj server) and (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name)) and key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L183	25586	sign\$3 near3 (party server delegat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38

## EAST Search History

L184	23	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L185	1	authenticat\$3 with (signature adj server) and (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) and key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L186	1	application near3 certificate same key same (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L187	29	"6073242"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L188	101	L133 not L168	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L189	23	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L190	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/13 16:38
L191	23	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L192	144	sign\$3 near2 (party server delegat\$3) and (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38

## EAST Search History

L193	11	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and L190	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L194	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/13 16:38
L195	29	"6073242"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L196	23	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L197	101	L136 not L132	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L198	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/13 16:38
L199	29	"6073242"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38



## EAST Search History

L200	101	L139 not L120	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L201	23	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authentikat\$3 verif\$8 autoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L202	11	(sign\$3 party server delegat\$3 notar\$7 authentikat\$3 verif\$8 autoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and L105	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L203	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/13 16:38
L204	11	(sign\$3 party server delegat\$3 notar\$7 authentikat\$3 verif\$8 autoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and L203	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L205	33	signature same sign\$3 same (user near5 (ID ident\$8 name code) same ((application service) near5 (ID ident\$8 name code))) same key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L206	27	L99 not L205	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:38
L207	54	(signature trust encrypt\$3 sign\$3) adj (party server provider) and (sign\$3 encrypt\$3) near7 (user near3 ((private secret) adj key)) and (authentikat\$3) and (user person) adj (ID identi\$8 name) and (applicat\$3 service) adj (ID identi\$8 name)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:39

## EAST Search History

L208	25	(signature trust encrypt\$3 sign\$3) adj (party server provider) and (sign\$3 encrypt\$3) near7 (user near3 ((private secret) adj key)) and (authenticat\$3) and (user person) adj (ID identi\$8 name) and (applicat\$3 service) adj (ID identi\$8 name) and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:39
L209	24	(signature trust encrypt\$3 sign\$3) adj (party server provider) and (sign\$3 encrypt\$3) near7 (user near3 ((private secret) adj key)) and (authenticat\$3) and (user person) adj (ID identi\$8 name) and (applicat\$3 service) adj (ID identi\$8 name) and (authority CA) and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:39
L210	68	authenticat\$3 with (sign\$6 near3 server) and (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) and key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:39
L211	144	sign\$3 near2 (party server delegat\$3) and (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 16:39
L212	11	Samar-Vipin.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 17:40

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L212	11	Samar-Vipin.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 17:52
L213	290	705/76.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 17:52
L214	191	705/71.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 17:52
L215	518	705/67.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 17:53
L216	7716	707/9-10.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 17:53
L217	767	713/156.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 17:53
L218	385	713/175.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 17:53
L219	1201	380/30.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 17:53
L220	1136	380/277.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 17:53

## EAST Search History

L221	0	(applicanton\$2 near2 (ID ident\$8) and user near3 (id ident\$8 name) and (signing signs signature) and private adj key).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/13 17:55
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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	19696	sign\$3 near3 (party server delegat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/10 21:28
S3	363	sign\$3 near3 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 20:36
S4	285	sign\$3 near2 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 20:39
S5	62	sign\$3 near2 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 21:13
S7	181	sign\$3 near2 (party server delegat\$3) and (notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 20:59
S8	119	S7 not S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 20:58
S9	170	sign\$3 near2 (party server delegat\$3) and (notar\$7) and (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 21:03
S10	108	S9 not S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 20:59
S11	101	sign\$3 near2 (party server delegat\$3) and (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 21:03

## EAST Search History

S12	16	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 21:06
S13	85	(notar\$7 sign\$3) near3 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 21:15
S14	16	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/10 14:29
S15	70	S13 not S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 21:15
S16	14	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2005/07/10 14:32
S17	14	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/10 21:27
S18	14	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2005/07/10 19:26

## EAST Search History

S26	17	"6073242"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S27	20989	sign\$3 near3 (party server delegat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S28	380	sign\$3 near3 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S29	296	sign\$3 near2 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S30	69	sign\$3 near2 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S31	4	((("5,136,646") or ("5,001,752"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/17 14:27
S32	197	sign\$3 near2 (party server delegat\$3) and (notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S33	128	S32 not S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S34	186	sign\$3 near2 (party server delegat\$3) and (notar\$7) and (authentikat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S35	117	S34 not S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27

## EAST Search History

S36	115	sign\$3 near2 (party server delegat\$3) and (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S37	18	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S38	93	(notar\$7 sign\$3) near3 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S39	18	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S40	78	S38 not S39	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S41	14	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2005/11/17 14:27
S42	14	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and S41	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S44	1541	713/176.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27



## EAST Search History

S45	375	705/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S46	927	380/277.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S47	214	sign\$3 near3 (party server delegat\$3) and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S48	62	sign\$3 near3 (party server delegat\$3) and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S49	87	sign\$3 near3 (party server delegat\$3) and S46	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 14:27
S52	23089	sign\$3 near3 (party server delegat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S53	449	sign\$3 near3 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S54	350	sign\$3 near2 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S55	73	sign\$3 near2 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S57	210	sign\$3 near2 (party server delegat\$3) and (notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50

## EAST Search History

S59	198	sign\$3 near2 (party server delegat\$3) and (notar\$7) and (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S61	121	sign\$3 near2 (party server delegat\$3) and (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S62	18	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S63	98	(notar\$7 sign\$3) near3 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S64	18	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 06:50
S65	83	S63 not S64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S66	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/05/29 22:50
S67	11	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and S66	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50

## EAST Search History

S68	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/05/29 22:50
S77	210	sign\$3 near2 (party server delegat\$3) and (notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S78	198	sign\$3 near2 (party server delegat\$3) and (notar\$7) and (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S79	121	sign\$3 near2 (party server delegat\$3) and (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S80	18	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S88	73	sign\$3 near2 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S90	18	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S91	98	(notar\$7 sign\$3) near3 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S92	83	S91 not S80	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50

## EAST Search History

S93	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/05/29 22:50
S94	11	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and S93	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 23:36
S95	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/05/29 22:50
S99	350	sign\$3 near2 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S10 0	449	sign\$3 near3 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 22:50
S10 5	30	signature same sign\$3 same (user near5 (ID ident\$8 name code) same ((application service) near5 (ID ident\$8 name code))) same key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 23:30
S10 6	48	signature and sign\$3 same (user near5 (ID ident\$8 name code) same ((application service) near5 (ID ident\$8 name code))) same key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 23:31

## EAST Search History

S107	56	signature and (sign\$3 encrypt\$3 with ((private user secret) adj key)) same (user near5 (ID identi\$8 name code) same ((application service) near5 (ID identi\$8 name code))) same key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 23:32
S108	26	S107 not S105	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 23:32
S109	19	("5398285"   "5511122"   "5734718"   "5768373"   "5812669"   "5812764"   "5825300"   "5953422"   "6061799"   "6081893"   "6111956"   "6170058"   "6178409"   "6230272"   "6253027"   "6324650"   "6567794"   "6594759"   "6594763").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 23:35
S110	19	(sign\$3 encrypt\$3 party server delegat\$3 notar\$7 private secret ident\$8 ID username user name application authenticat\$3 verif\$8 authoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and S109	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 23:41
S111	40	(signature trust encrypt\$3 sign\$3) adj (party server provider) and (sign\$3 encrypt\$3) near7 (user near3 ((private secret) adj key)) and (authenticat\$3) and (user person) adj (ID identi\$8 name) and (applicat\$3 service) adj (ID identi\$8 name)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 23:44
S112	20	(signature trust encrypt\$3 sign\$3) adj (party server provider) and (sign\$3 encrypt\$3) near7 (user near3 ((private secret) adj key)) and (authenticat\$3) and (user person) adj (ID identi\$8 name) and (applicat\$3 service) adj (ID identi\$8 name) and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 23:45
S113	19	(signature trust encrypt\$3 sign\$3) adj (party server provider) and (sign\$3 encrypt\$3) near7 (user near3 ((private secret) adj key)) and (authenticat\$3) and (user person) adj (ID identi\$8 name) and (applicat\$3 service) adj (ID identi\$8 name) and (authority CA) and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 23:47

## EAST Search History

S11 5	2074	sign\$3 near3 (party server delegat\$3) and private adj key and authenticat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 23:58
S11 6	1578	sign\$3 near3 (party server delegat\$3) and private adj key and authenticat\$3 and (authority (key adj (server))) and encrypt\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/29 23:59
S11 7	460	sign\$3 near3 (party server delegat\$3) and private adj key and authenticat\$3 and (authority (key adj (server))) and encrypt\$3 and (user adj (id ident\$8 name code)) and (application near2 (ID ident\$8))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 00:00
S11 8	64	sign\$3 near3 (party server delegat\$3) and private adj key and authenticat\$3 and (authority (key adj (server))) and encrypt\$3 and (user adj (id ident\$8 name code)) and (application near2 (ID ident\$8)) and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30.06:30
S12 0	17	("6073242").URPN.	USPAT	OR	ON	2006/05/30 06:38
S12 1	21	("5748735"   "5761309"   "6073124"   "6073242"   "6081899"   "6105012"   "6144949"   "6189096"   "6189098"   "6189100"   "6199052"   "6211972"   "6226383"   "6230269"   "6285991"   "6292895"   "6327656"   "6351812"   "6381696"   "6424718"   "6442688").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/30 06:49
S12 2	100	("6385728" "5850442" "6715073" "6141752" "5991399" "6314521" "6026166" "6108788" "6112305" "6327578" "6490679" "6754661" "6763459" "6795920" "6301658" "5838792" "5557678" "6202159" "6539093" "6151676" "6073242" "6393563" "6672505" "6192130" "6128740" "6233341" "6233565" "6442688" "5535276" "5737419" "6072876" "6336186" "6453416" "6789194" "6732279" "6883095" "6028938" "6367009" "5903882" "5606609" "5208858" "6023509" "6199053" "5604801" "5638446" "6009173" "6192473" "6760752" "6105012" "5765152").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 06:49

## EAST Search History

S12 3	99	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 signature sign\$3 encrypt\$3 private user secret key user ID ident\$8 name code application service ID ident\$8 name code key) and S122	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:44
S12 4	1	application near3 certificate same key same (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:46
S12 5	326	application near3 certificate and key same (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:50
S12 6	324	application near3 certificate same (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name)) and key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:47
S12 7	358	application near3 certificate same (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) samekey	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:47
S12 8	10	application near3 certificate same (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) same key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:47
S12 9	44	application near3 certificate and key same (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name)) and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:57
S13 0	0	authenticat\$3 with (signature adj server) and (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name)) and key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:58
S13 1	1	authenticat\$3 with (signature adj server) and (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) and key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:59

## EAST Search History

S13 2	1	authenticat\$3 with (sign\$6 adj server) and (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) and key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:59
S13 3	56	authenticat\$3 with (sign\$6 near3 server) and (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) and key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/30 07:59
S13 6	19	("4264782"   "4405829"   "5136646"   "5136647"   "5231668"   "5465299"   "5544255"   "5588061"   "5613012"   "5647017"   "5666420"   "5671285"   "5689567"   "5802499"   "6018801"   "6188766"   "6237096"   "6453416"   "RE34954").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/30 08:01
S13 7	25	"6073242"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S13 8	24418	sign\$3 near3 (party server delegat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S13 9	478	sign\$3 near3 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S14 0	372	sign\$3 near2 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S14 1	82	sign\$3 near2 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S14 3	225	sign\$3 near2 (party server delegat\$3) and (notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56



## EAST Search History

S14 4	143	S143 not S141	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S14 5	213	sign\$3 near2 (party server delegat\$3) and (notar\$7) and (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S14 6	131	S145 not S141	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S14 7	130	sign\$3 near2 (party server delegat\$3) and (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S14 8	20	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S14 9	107	(notar\$7 sign\$3) near3 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S15 0	20	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S15 1	91	S149 not S150	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S15 2	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/15 21:56

## EAST Search History

S15 3	11	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and S152	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S15 4	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/15 21:56
S15 5	1990	713/176.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S15 6	469	705/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S15 7	1093	380/277.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S15 8	282	sign\$3 near3 (party server delegat\$3) and S155	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S15 9	70	sign\$3 near3 (party server delegat\$3) and S156	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S16 0	104	sign\$3 near3 (party server delegat\$3) and S157	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56

## EAST Search History

S16 2	24418	sign\$3 near3 (party server delegat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S16 3	225	sign\$3 near2 (party server delegat\$3) and (notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S16 4	213	sign\$3 near2 (party server delegat\$3) and (notar\$7) and (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S16 5	130	sign\$3 near2 (party server delegat\$3) and (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S16 6	20	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S16 7	1990	713/176.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S16 8	469	705/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S16 9	1093	380/277.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S17 0	282	sign\$3 near3 (party server delegat\$3) and S167	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S17 1	70	sign\$3 near3 (party server delegat\$3) and S168	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56

## EAST Search History

S17 2	104	sign\$3 near3 (party server delegat\$3) and S169	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S17 3	25	"6073242"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S17 4	82	sign\$3 near2 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S17 6	20	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S17 7	107	(notar\$7 sign\$3) near3 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S17 8	91	S177 not S166	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S17 9	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/15 21:56
S18 0	11	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and S179	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56

## EAST Search History

S18 1	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/15 21:56
S18 3	143	S163 not S174	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S18 4	131	S164 not S174	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S18 5	372	sign\$3 near2 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S18 6	478	sign\$3 near3 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S18 7	24418	sign\$3 near3 (party server delegat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S18 8	225	sign\$3 near2 (party server delegat\$3) and (notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S18 9	213	sign\$3 near2 (party server delegat\$3) and (notar\$7) and (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S19 0	130	sign\$3 near2 (party server delegat\$3) and (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56

## EAST Search History

S19 1	20	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S19 2	1990	713/176.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S19 3	469	705/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S19 4	1093	380/277.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S19 5	282	sign\$3 near3 (party server delegat\$3) and S192	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S19 6	70	sign\$3 near3 (party server delegat\$3) and S193	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S19 7	104	sign\$3 near3 (party server delegat\$3) and S194	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S19 8	24418	sign\$3 near3 (party server delegat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S19 9	225	sign\$3 near2 (party server delegat\$3) and (notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S20 0	213	sign\$3 near2 (party server delegat\$3) and (notar\$7) and (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56

## EAST Search History

S20 1	130	sign\$3 near2 (party server delegat\$3) and (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S20 2	20	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S20 3	1990	713/176.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S20 4	469	705/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S20 5	1093	380/277.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S20 6	282	sign\$3 near3 (party server delegat\$3) and S203	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S20 7	70	sign\$3 near3 (party server delegat\$3) and S204	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S20 8	104	sign\$3 near3 (party server delegat\$3) and S205	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S20 9	25	"6073242"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S21 0	82	sign\$3 near2 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56

## EAST Search History

S21 2	20	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S21 3	107	(notar\$7 sign\$3) near3 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S21 4	91	S213 not S191	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S21 5	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/15 21:56
S21 6	11	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and S215	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S21 9	25	"6073242"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S22 0	82	sign\$3 near2 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S22 2	20	sign\$3 near2 (party server delegat\$3) same (notar\$7) same (authenticat\$3 verif\$8 authoriz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56



## EAST Search History

S22 3	107	(notar\$7 sign\$3) near3 (party server delegat\$3) and (digital near3 notar\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S22 5	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/15 21:56
S22 6	11	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 secur\$3 encrypt\$3 communicat\$3 connect\$3 link password username CA certif\$5 authority approv\$3) and S225	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S22 7	11	(US-20010032314-\$ or US-20010034708-\$ or US-20020029337-\$ or US-20020052835-\$ or US-20030115143-\$ or US-20050102244-\$ or US-20050114653-\$).did. or (US-5001752-\$ or US-5136643-\$ or US-6314517-\$ or US-6587945-\$ or US-6601172-\$ or US-6671805-\$ or US-6853988-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/15 21:56
S22 9	143	S188 not S210	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S23 0	131	S189 not S210	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S23 1	143	S199 not S220	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56

## EAST Search History

S23 2	131	S200 not S220	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S23 3	372	sign\$3 near2 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S23 4	372	sign\$3 near2 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S23 5	478	sign\$3 near3 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S23 6	478	sign\$3 near3 (party server delegat\$3) and (key adj management)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S23 7	30	signature same sign\$3 same (user near5 (ID ident\$8 name code) same ((application service) near5 (ID ident\$8 name code))) same key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S23 8	48	signature and sign\$3 same (user near5 (ID ident\$8 name code) same ((application service) near5 (ID ident\$8 name code))) same key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S23 9	56	signature and (sign\$3 encrypt\$3 with ((private user secret) adj key)) same (user near5 (ID ident\$8 name code) same ((application service) near5 (ID ident\$8 name code))) same key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S24 0	26	S239 not S237	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56

## EAST Search History

S24 3	46	(signature trust encrypt\$3 sign\$3) adj (party server provider) and (sign\$3 encrypt\$3) near7 (user near3 ((private secret) adj key)) and (authenticat\$3) and (user person) adj (ID identi\$8 name) and (applicat\$3 service) adj (ID identi\$8 name)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S24 4	22	(signature trust encrypt\$3 sign\$3) adj (party server provider) and (sign\$3 encrypt\$3) near7 (user near3 ((private secret) adj key)) and (authenticat\$3) and (user person) adj (ID identi\$8 name) and (applicat\$3 service) adj (ID identi\$8 name) and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S24 5	21	(signature trust encrypt\$3 sign\$3) adj (party server provider) and (sign\$3 encrypt\$3) near7 (user near3 ((private secret) adj key)) and (authenticat\$3) and (user person) adj (ID identi\$8 name) and (applicat\$3 service) adj (ID identi\$8 name) and (authority CA) and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S24 6	2247	sign\$3 near3 (party server delegat\$3) and private adj key and authenticat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S24 7	1708	sign\$3 near3 (party server delegat\$3) and private adj key and authenticat\$3 and (authority (key adj (server))) and encrypt\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S24 8	493	sign\$3 near3 (party server delegat\$3) and private adj key and authenticat\$3 and (authority (key adj (server))) and encrypt\$3 and (user adj (id ident\$8 name code)) and (application near2 (ID ident\$8))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S24 9	73	sign\$3 near3 (party server delegat\$3) and private adj key and authenticat\$3 and (authority (key adj (server))) and encrypt\$3 and (user adj (id ident\$8 name code)) and (application near2 (ID ident\$8)) and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56

## EAST Search History

S25 0	385	application near3 certificate same (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) samekey	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S25 1	65	authentikat\$3 with (sign\$6 near3 server) and (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) and key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S25 2	10	application near3 certificate same (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) same key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S25 3	21	("5748735"   "5761309"   "6073124"   "6073242"   "6081899"   "6105012"   "6144949"   "6189096"   "6189098"   "6189100"   "6199052"   "6211972"   "6226383"   "6230269"   "6285991"   "6292895"   "6327656"   "6351812"   "6381696"   "6424718"   "6442688").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/15 21:56
S25 4	19	("6073242").URPN.	USPAT	OR	ON	2006/09/15 21:56
S25 5	1	authentikat\$3 with (sign\$6 adj server) and (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) and key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S25 6	1	authentikat\$3 with (signature adj server) and (user near3 (id ident\$8 name)) same (applicat\$3 near3 (id ident\$8 name)) and key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S25 7	25	"6073242"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S25 8	1	application near3 certificate same key same (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56

## EAST Search History

S25 9	19	("4264782"   "4405829"   "5136646"   "5136647"   "5231668"   "5465299"   "5544255"   "5588061"   "5613012"   "5647017"   "5666420"   "5671285"   "5689567"   "5802499"   "6018801"   "6188766"   "6237096"   "6453416"   "RE34954").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/15 21:56
S26 0	100	("6385728" "5850442" "6715073" "6141752" "5991399" "6314521" "6026166" "6108788" "6112305" "6327578" "6490679" "6754661" "6763459" "6795920" "6301658" "5838792" "5557678" "6202159" "6539093" "6151676" "6073242" "6393563" "6672505" "6192130" "6128740" "6233341" "6233565" "6442688" "5535276" "5737419" "6072876" "6336186" "6453416" "6789194" "6732279" "6883095" "6028938" "6367009" "5903882" "5606609" "5208858" "6023509" "6199053" "5604801" "5638446" "6009173" "6192473" "6760752" "6105012" "5765152").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S26 1	350	application near3 certificate and key same (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S26 2	348	application near3 certificate same (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name)) and key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S26 3	99	(sign\$3 party server delegat\$3 notar\$7 authenticat\$3 verif\$8 authoriz\$5 signature sign\$3 encrypt\$3 private user secret key user ID ident\$8 name code application service ID ident\$8 name code key) and S260	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S26 4	53	application near3 certificate and key same (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name)) and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56
S26 5	0	authenticat\$3 with (signature adj server) and (user adj (id ident\$8 name)) same (applicat\$3 adj (id ident\$8 name)) and key and @ay <="2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 21:56